

DERWENT-ACC-NO: 2006-490358

DERWENT-WEEK: 200650

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TITLE: Shower head and atomic layer deposition  
apparatus having shower head using spray lines having tilt angle

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
KR 2005112371 A	November 30, 2005	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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KR2005112371A	N/A	2004KR-0037429
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INT-CL (IPC): H01L021/205

ABSTRACTED-PUB-NO: KR2005112371A

BASIC-ABSTRACT:

NOVELTY - A shower head and an atomic layer deposition apparatus are provided to improve step coverage by using spay lines having tilt angle.

DETAILED DESCRIPTION - A first line(100) is formed in a shower head body and supplies a first reactive gas. Second lines(105) are connected to the first line and transfer the first reactive gas. First spray lines(106) having tilt angle are connected to the second lines. The tilt angle is from 1 to 45 degree. Second spray lines(107) are connected to the second lines.(C) KIPO

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CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: SHOWER HEAD ATOMIC LAYER DEPOSIT APPARATUS SHOWER HEAD  
SPRAY LINE

TILT ANGLE

DERWENT-CLASS: U11

EPI-CODES: U11-C01B;

